Toward a Vision for a New Data Infrastructure for Federal Statistics and Social and Economic Research in the 21st Century

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Workshop 3: Approaches to Sharing Blended Data in a 21st Century Data Infrastructure

AGENDA

MAY 25, 2023 (DAY 3) 10:00 a.m. - 1:30 p.m. (EDT)

10:00 – 10:05 a.m.	**Welcome and Workshop Objectives (Day 3)** • **Jerome P. Reiter**, Consensus Panel Chair, *Duke University*
10:05 –11:15	**Session 6: In-depth Case Study--Unique Privacy Considerations When Blending Justice System Data** 10:05-10:10 　　　• **Karen Levy,** Panel Member, *Cornell University*

10:10-10:30
　　　• **Kevin Scott,** *Bureau of Justice Statistics*
　　　• **Lauren Beatty,** *Bureau of Justice Statistics*

For the first time in its collection, the Survey of Prison Inmates requested consent from respondents to link their self-report data with various sources of administrative records. This talk will describe the goals of SPI record linkage, the various sources linked to the survey data, and the approaches used to obtain respondent consent for both the survey and record linkage. The talk will conclude with a discussion of the implementation of respondent consent, and the unique challenge it has posed for future research.

10:30-10:50
　　　• **Michael Mueller-Smith**, *University of Michigan*

This talk will introduce the Criminal Justice Administrative Records System and the opportunities created from integrating justice data with administrative and survey socio-economic data held by the U.S. Census Bureau. Emphasis will be placed on data access modes in development that seek to minimize risk to both justice-involved individuals and agency data providers.

10:50-11:15
　　　Panel/Audience Discussion

11:15 – 12:20 p.m.　　　**Session 7: In-depth Case Study--Unique Privacy Considerations in Blending Disaster Data**
11:15-11:20
　　　• **Nick Hart,** Panel Member, *Data Foundation*

11:20-11:40
　　　• **Julie Waters***, FEMA*

The mission of the Federal Emergency Management Agency (FEMA) to help people before, during, and after disasters requires that decisions be made within rapid timelines to assist disaster survivors effectively and equitably. This talk will focus on FEMA's approach to balancing privacy considerations with operational speed when using blended data to inform emergency management decisions, with case studies from recent disasters and lessons learned to inform future approaches.

11:40-12:00
　　　• **Edward Kearns**, *First Street Foundation*

This presentation will examine some of the challenges in data access and utilization for climate risk products. It will also consider opportunities to improve dissemination of these data, including uses by Federal agencies, consumer requirements, information product design, and the role of data management throughout.

12:00-12:20
　　　Panel/Audience Discussion

12:20 – 12:30　　　　BREAK

12:30 – 1:25　　　**Session 8: Key Considerations in Protecting Privacy in Blended Data**
12:30-12:35
　　　• **Dan Kifer,** Panel Member, *The Pennsylvania State University*

12:35-12:50 *Designing Technical Solutions for Privacy Laws*
　　　• **Kobbi Nissim**, *Georgetown University*

Privacy law and privacy technology are two pillars of privacy protection. However, the interaction between the two approaches exposes significant differences, making it

challenging to reason whether systems do or do not provide the level of privacy protection as set by privacy law. We will review some of the gaps that exist between mathematical and legal approaches to privacy, and ongoing efforts to bridge them while maintaining legal and mathematical rigor.

12:50-1:05 *Communicating Privacy to the Public*
• **Michael Hawes**, *Census Bureau*

Agencies' ability to communicate how they safeguard respondent data is critical to their ability to ensure ongoing public trust. As disclosure risks grow, however, so too have the technical complexities of agencies' statistical confidentiality safeguards. Effective public communication about these methods, their efficacy in safeguarding respondent privacy, and their impact on data use is difficult, but essential. This session will discuss those challenges and offer some recommendations and best practices for agencies to consider, particularly in the context of data products derived from blended data.

1:05-1:25
Panel/Audience Discussion

1:25 – 1:30   **Wrap-up Day 3/Next Steps**
Jerome P. Reiter, Consensus Panel Chair, *Duke University*

1:30 p.m.   **Adjournment of Open Meeting of Workshop Event**

CLOSED MEETING OF PANEL

PANEL ON APPROACHES TO SHARING BLENDED DATA IN A 21ST CENTURY DATA INFRASTRUCTURE
Jerry Reiter (Chair), Duke University
Claire Bowen, Urban Institute
Aloni Cohen, University of Chicago
Diana Farrell, JPMorgan Chase Institute
Robert Goerge, University of Chicago
Nick Hart, Data Foundation
HV Jagadish, University of Michigan
Dan Kifer, The Pennsylvania State University
Karen Levy, Cornell University
Salomé Viljoen, Michigan Law School
Mark Watson, Federal Reserve Bank of Kansas City (formerly)